

Converting Colors

XYZ(53.4284, 55.6286, 78.4424)

Have a look what the booklet for
XYZ(53.4284, 55.6286, 78.4424)
contains.

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Color

**XYZ(53.4284, 55.6286,
78.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C5E0
RGB	185, 197, 224
RGB Percent	73%, 77%, 88%
CMY	0.2745, 0.2274, 0.1216
CMYK	0.17, 0.12, 0.00, 0.12
HSL	222°, 39%, 80%
HSV	222°, 17%, 88%
XYZ	53.4284, 55.6286, 78.4424
YIQ	196.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

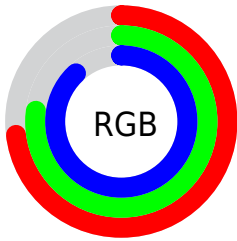
Format	Color
R _Y B	185, 194, 224
Decimal	12174816
CIE Lab	79.40, 1.43, -14.81
CIE LCh	79, 14.875, 275.532
Yxy	55.6286, 0.2850, 0.2967
Android (android.graphics.Color)	4290364896 (0xFFB9C5E0)
YUV	196.4900, 13.5624, -10.0767
Hunter-Lab	74.5846, -2.6552, -10.1475

Details

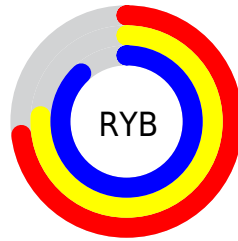
The XYZ color **53.4284, 55.6286, 78.4424** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.0414, 66.4371, 55.4013**, and the grayscale version is **52.6928, 55.4369, 60.3708**.

A 20% lighter version of the original color is **89.7674, 96.8044, 108.5616**, and **26.4996, 27.4150, 41.4311** is the 20% darker color. If you saturate the color by 10%, you get **45.1029, 46.3770, 77.0964**, and if you desaturate by 10%, it is **62.9708, 66.0481, 79.9515**.

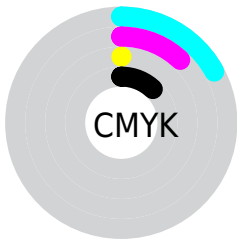
Distribution



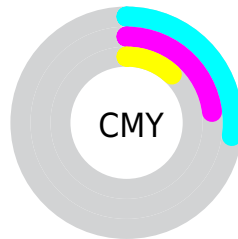
- Red (73%)
- Green (77%)
- Blue (88%)



- Red (73%)
- Yellow (76%)
- Blue (88%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4284, 55.6286, 78.4424 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.4284, 55.6286, 78.4424 by changing the saturation by 10% instead.

■ 53.4284, 55.6286,
78.4424

■ 53.4284, 55.6286,
78.4424

390.1606,
408.2903, 509.2356

■ 38.3737, 39.9052,
57.9189

■ 94.3963, 98.4613,
132.9651

■ 26.4514, 27.4647,
41.3292

121.0402,
126.3395, 167.8014

■ 17.2961, 17.9225,
28.2547

152.2779,
159.0380, 208.2456

■ 10.5424, 10.8944,
18.2771

188.4747,
196.9414, 254.7164

■ 5.8251, 5.9958,
10.9776

229.9960,
240.4339, 307.6323

■ 2.7786, 2.8426,
5.9378

277.2072,

■ 1.0378, 1.0501,

289.8999, 367.4117

2.7391

330.4736,
345.7240, 434.4733

■ 0.0000, 0.0000,
0.9630

■ 0.0000, 0.0000,
0.0000

■ 53.4284, 55.6286,
78.4424

■ 53.4284, 55.6286,
78.4424

■ 45.1029, 46.3770,
77.0964

■ 62.9708, 66.0481,
79.9515

■ 37.9386, 38.2441,
75.9042

■ 73.7727, 77.6686,
81.6252

■ 31.8829, 31.1873,
74.8612

■ 85.8807, 90.5304,
83.4696

■ 26.8768, 25.1582,
73.9613

■ 90.4547, 98.1619,
84.7015

■ 22.8556, 20.1046,
73.1978

■ 19.7468, 15.9690,
72.5634

■ 17.4666, 12.6866,
72.0500

■ 15.9067, 10.1781,
71.6481

■ 15.5789, 9.6302,
71.5596

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.5323, 55.6286, 76.7917



53.4284, 55.6286, 78.4424



56.2785, 55.6286, 74.9509

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.4284, 55.6286, 78.4424



57.6814, 55.6286, 51.5133



47.8209, 55.6286, 54.0158

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.4284, 55.6286, 78.4424



63.0414, 66.4371, 55.4013

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.6084, 55.6286, 48.1575



53.4284, 55.6286, 78.4424



55.2856, 55.6286, 46.8107

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.4284, 55.6286, 78.4424



58.7924, 55.6286, 58.9997



52.3221, 55.6286, 45.6422



47.3655, 55.6286, 62.1681

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.4284, 55.6286, 78.4424



57.7462, 55.6286, 70.3540



52.3221, 55.6286, 45.6422



48.2825, 55.6286, 51.7381

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.4301, 55.6309, 78.4437



87.7625, 92.1588, 107.7706



58.5039, 68.3625, 72.1690



18.5730, 19.4970, 23.0343



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4301, 55.6309, 78.4437



67.3118, 69.8064, 104.5340



52.5810, 51.3072, 77.6538



13.2944, 13.9279, 17.3753



9.1576, 5.7848, 41.6823



0.7124, 0.5563, 2.9151

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.1688, 54.5778, 60.2946



74.8774, 68.3017, 75.5186



63.9843, 71.5438, 56.3373



13.8801, 13.7697, 15.1385



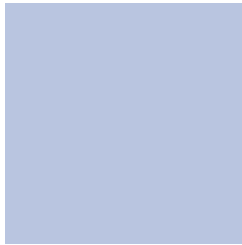
18.5625, 9.4920, 4.3621



1.3258, 0.6736, 0.5087

Previews

White Background



This preview shows how the XYZ color 53.4284, 55.6286, 78.4424 looks on a white background.

Color Contrast Check

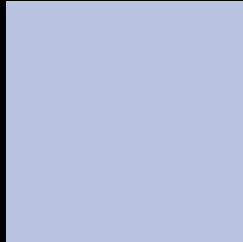
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.4284, 55.6286, 78.4424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

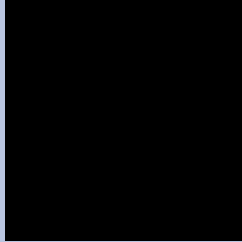
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4284, 55.6286, 78.4424

Background



This preview shows how black text looks on a background with the XYZ color 53.4284, 55.6286, 78.4424.



This preview shows how white text looks on a background with the XYZ color 53.4284, 55.6286,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.4284, 55.6286, 78.4424

Protanopia

54.5726, 55.5644, 77.6608

Deuteranopia

56.7974, 55.6921, 78.9903



Tritanopia

52.0895, 55.7692, 71.6374

Trichromacy



Original Color

53.4284, 55.6286, 78.4424

Protanomaly

54.0455, 55.6264, 77.7005

Deuteranomaly

55.6473, 55.7556, 79.0631

Tritanomaly

52.6161, 55.6405, 74.2962

Monochromacy



Original Color

53.4284, 55.6286, 78.4424

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6187, 55.1426, 66.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4284, 55.6286, 78.4424 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 197, 224)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 197, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.4284, 55.6286, 78.4424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 197, 224) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(185, 197, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(185, 197, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 224);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4284, 55.6286, 78.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
197, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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